

CLAIMS

1. A switch dome device for operating functions in an electronic equipment (10), said device comprising a set of switch domes (4) mounted in a circular pattern on a support structure (5), **characterized** in that outputs of adjacent switch domes (4) are operatively connected to inputs of a common AND circuit (9).

2. A switch dome device according to claim 1, wherein 10 said switch domes (4) are equally distributed around said circular pattern with the same distance to the centre (8) of said circular pattern.

3. A switch dome device according to claim 1 or 2, 15 wherein said set of switch domes comprises eight switch domes (4).

4. An input device (1) for operating functions in an electronic equipment (10), comprising a switch dome device and a switch dome actuator (2) for actuating switch domes (4), **characterized** in that said switch dome device is a switch dome device according to any of the claims 1-3.

5. An input device according to claim 4, wherein said 25 actuator (1) is a rocker key provided with actuator bosses (6) for actuating said switch domes (4).

6. An input device according to claim 4, wherein said actuator (1) is a joystick.

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7. An electronic equipment, **characterized** by an input device (1) according to any of the claims 4-6.

8. An electronic equipment according to claim 7, 35 wherein the switch domes (4) are positioned on the support

structure (5) on 22,5/67,5/112,5/157,5/
202,5/247,5/292,5/337,5° positions around the circular
pattern with respect to the orientation of a display (11)
of the electronic equipment held in a position for normal
5 operation by a user.

9. An electronic equipment according to claim 7 or 8,
wherein the electronic equipment is a mobile radio terminal
(10).

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